

## Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-144

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8-20-08	8-20-09	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
29335 & 29336	ION	6442	8920 & 8924	10-13-08	2-25-09	
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	170/213	Kari Lewis	N	N	N	08-113 & 114

VERIFICATION DATA						
HBM Sensitivity Level: <u>50 V</u> (from Table 1)						
Fan controller setting: <u>High</u> (High, Low, NA)						
Distance of ionizer from the charge plate: <u>24"</u>						
Ionizer Float Potential Tolerance $\pm$ <u>50</u> Vdc. (from Table 1)						
Measured Float Potential values recorded below.						
1	2	3	4	5	Comments:	
10 Vdc.	20 Vdc.	10 Vdc.	10 Vdc.	10 Vdc.		
Ionizer Discharge Voltage Range: $\pm$ 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)						
Ionizer Discharge Time Tolerance: <u>&lt; 20</u> seconds. (from Table 1)						
Measured Discharge Time in second(s) and recorded values below.						
1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:	
7.7 sec	9.2 sec	9.2 sec	9.0 sec	9.4 sec		
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:	
10.4 sec	10.7 sec	10.1 sec	10.0 sec	10.4 sec		

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Sequence number for verification of replacement ionizer: \_\_\_\_\_

**Record** inspection schedule and rationale for that schedule.